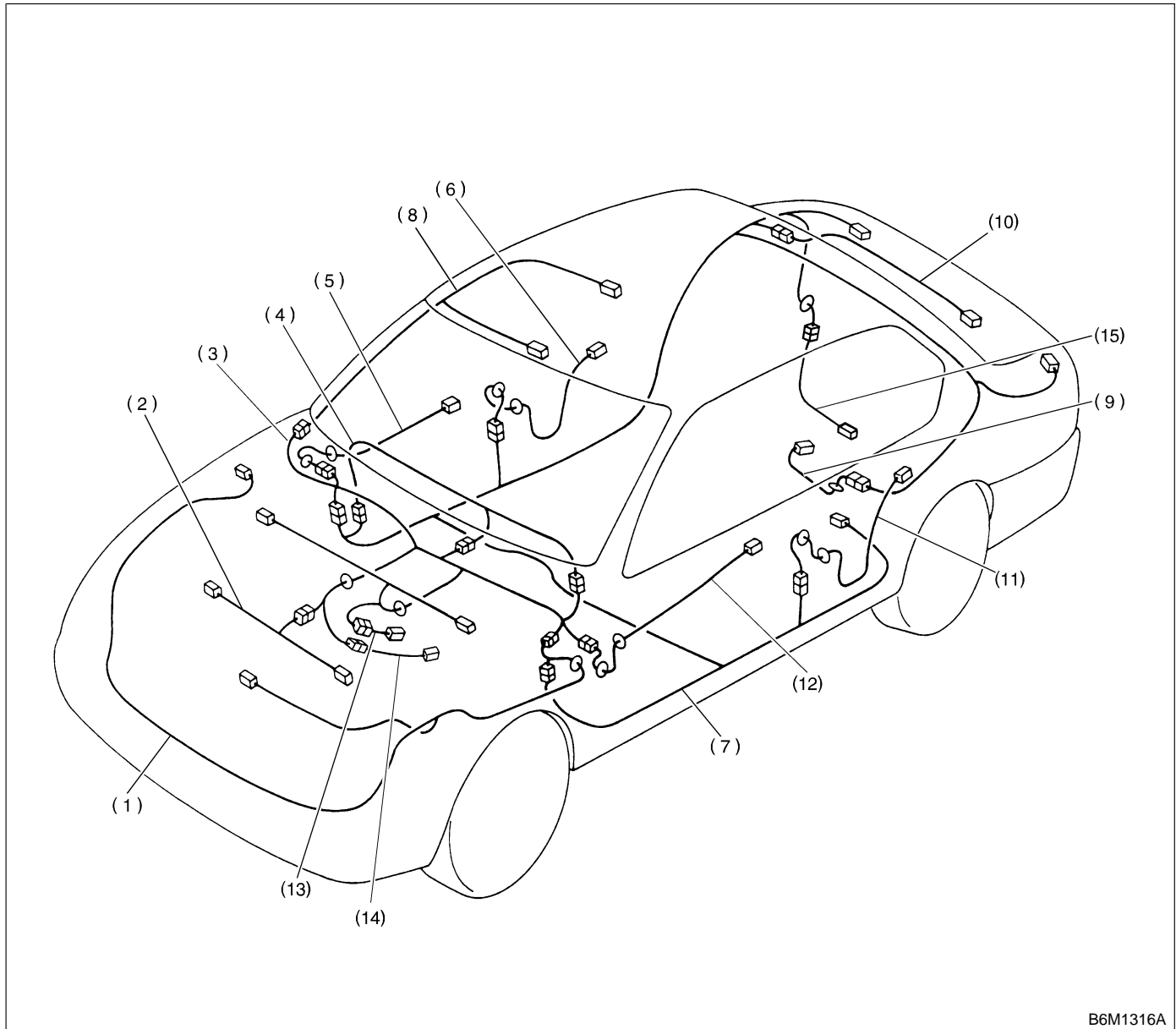


7. Electrical Wiring Harness and Ground Point

A: OVERALL LOCATION

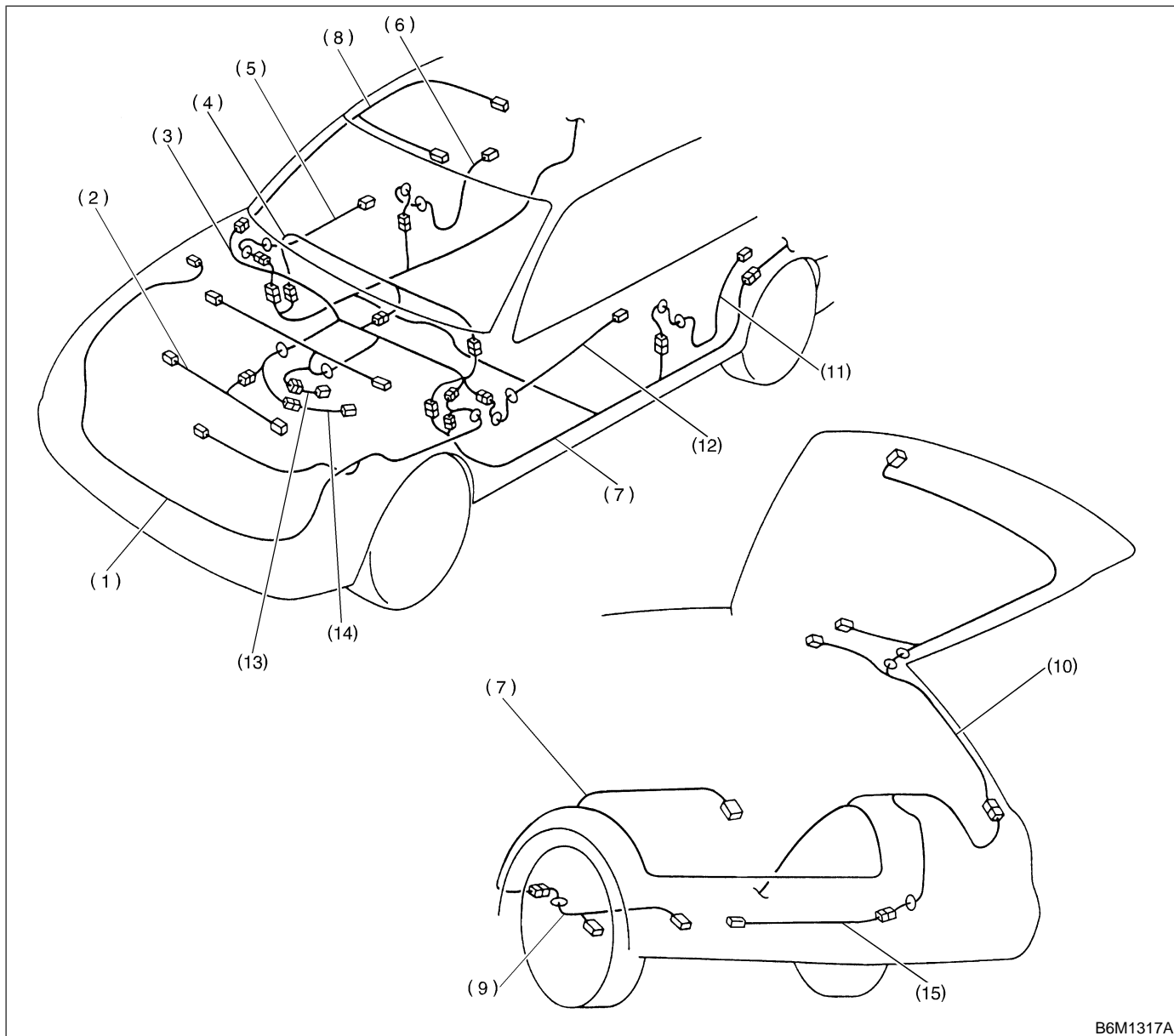
1. SEDAN MODEL



B6M1316A

- | | | |
|-------------------------------------|-------------------------|------------------------------|
| (1) Front wiring harness | (6) Rear door cord RH | (11) Rear door cord LH |
| (2) Engine wiring harness | (7) Rear wiring harness | (12) Front door cord LH |
| (3) Bulkhead wiring harness | (8) Roof cord | (13) Transmission cord |
| (4) Instrument panel wiring harness | (9) Fuel tank cord | (14) Rear oxygen sensor cord |
| (5) Front door cord RH | (10) Trunk lid cord | (15) ORVR cord |

2. WAGON MODEL



B6M1317A

- | | | |
|-------------------------------------|-------------------------|------------------------------|
| (1) Front wiring harness | (6) Rear door cord RH | (11) Rear door cord LH |
| (2) Engine wiring harness | (7) Rear wiring harness | (12) Front door cord LH |
| (3) Bulkhead wiring harness | (8) Roof cord | (13) Transmission cord |
| (4) Instrument panel wiring harness | (9) Fuel tank cord | (14) Rear oxygen sensor cord |
| (5) Front door cord RH | (10) Rear gate cord | (15) ORVR cord |

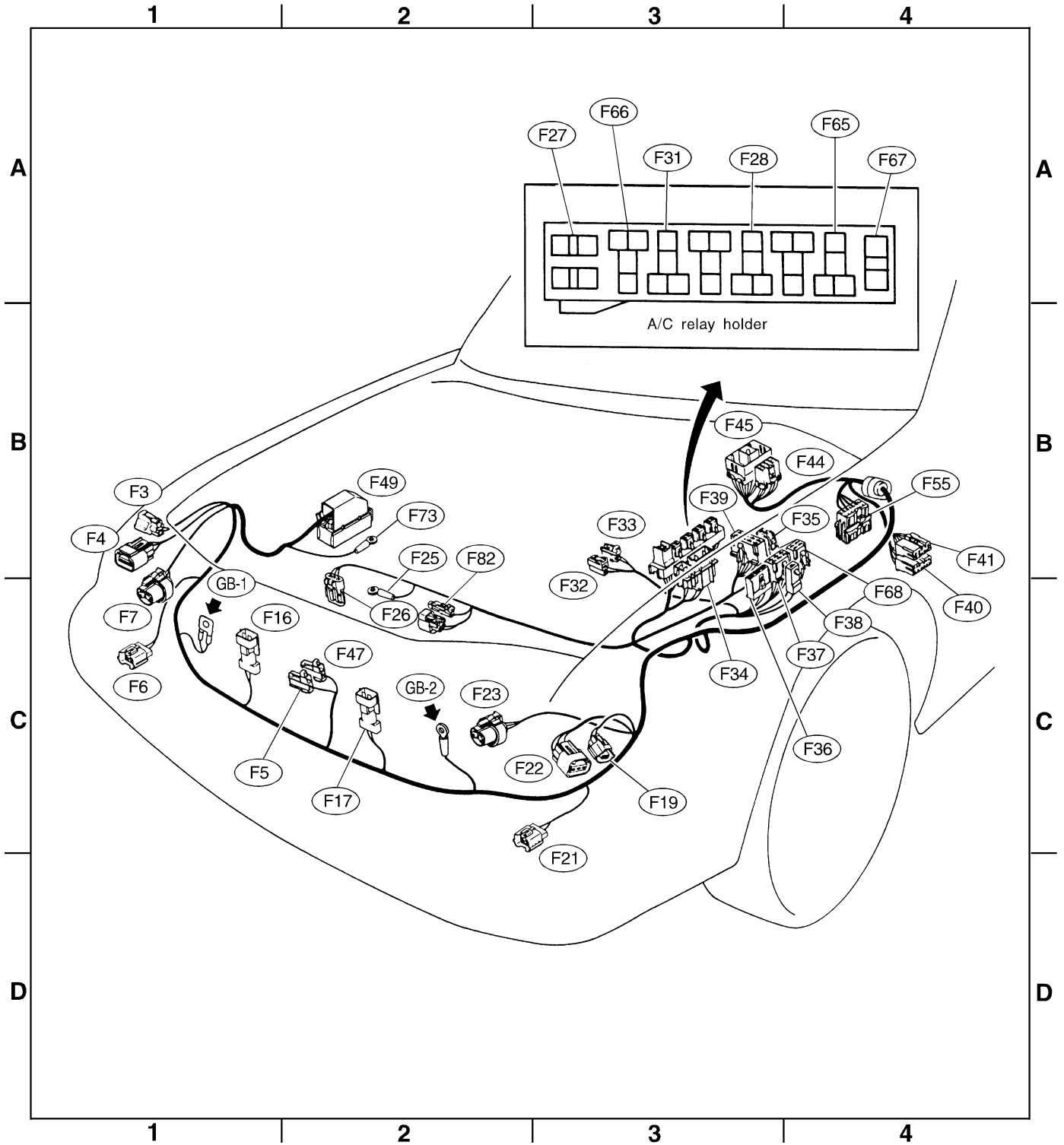
B: FRONT WIRING HARNESS

● List of Items

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
F3	2	Gray	B-1		Front turn signal light upper RH
F4	3	Gray	B-1		Front clearance light RH and front turn signal light lower RH
F5	1	Black	C-1		Horn
F6	2	★	C-1		Front fog light RH
F7	3	Black	C-1		Headlight RH (2-Lights)
	3	★	C-1		Headlight RH (4-Lights)
F16	2	Black	C-1		Sub fan motor
F17	2	Black	C-2		Radiator main fan motor
F19	2	Gray	C-3		Front turn signal light upper LH
F21	2	★	D-3		Front fog light LH
F22	3	Gray	C-3		Front clearance light LH and front turn signal light lower LH
F23	3	Black	C-2		Headlight LH (2-Lights)
	3	★	C-2		Headlight LH (4-Lights)
F25	1	★	C-2		Generator
F26	3	Green	C-2		
F27	4	Black	A-3		A/C fuse (Relay holder)
F28	4	Black	A-3		A/C sub fan relay (Relay holder)
F31	4	Black	A-3		A/C relay (Relay holder)
F32	2	Green	B-3		Front washer motor
F33	2	★	B-3		Rear washer motor
F34	4	Black	C-3		M/B
F35	2	Black	B-4		
F36	3	★	C-4		
F37	6	Black	C-4		
F38	1	★	C-4		
F39	8	Black	B-3		
F40	9	Brown	C-4		
F41	7	Gray	B-4		F/B
F44	8	★	B-4	B61	Bulkhead wiring harness
F45	66	Gray	B-3	B62	Bulkhead wiring harness (SMJ)
F47	1	Black	C-2		Horn
F49	31	Black	B-2		ABS control module
F55	8	★	B-4	R49	Rear wiring harness
F65	4	Black	A-4		Front fog light relay (Relay holder)
F66	4	Black	A-3		Radiator main fan relay (Relay holder)
F67	2	Black	A-4		FWD switch (Relay holder)
F68	4	Black	C-4		M/B
F73	1	★	B-2		ABS motor ground
F82	1	Black	C-2		A/C magnet clutch

★: Non-colored

● Location



B6M1318A

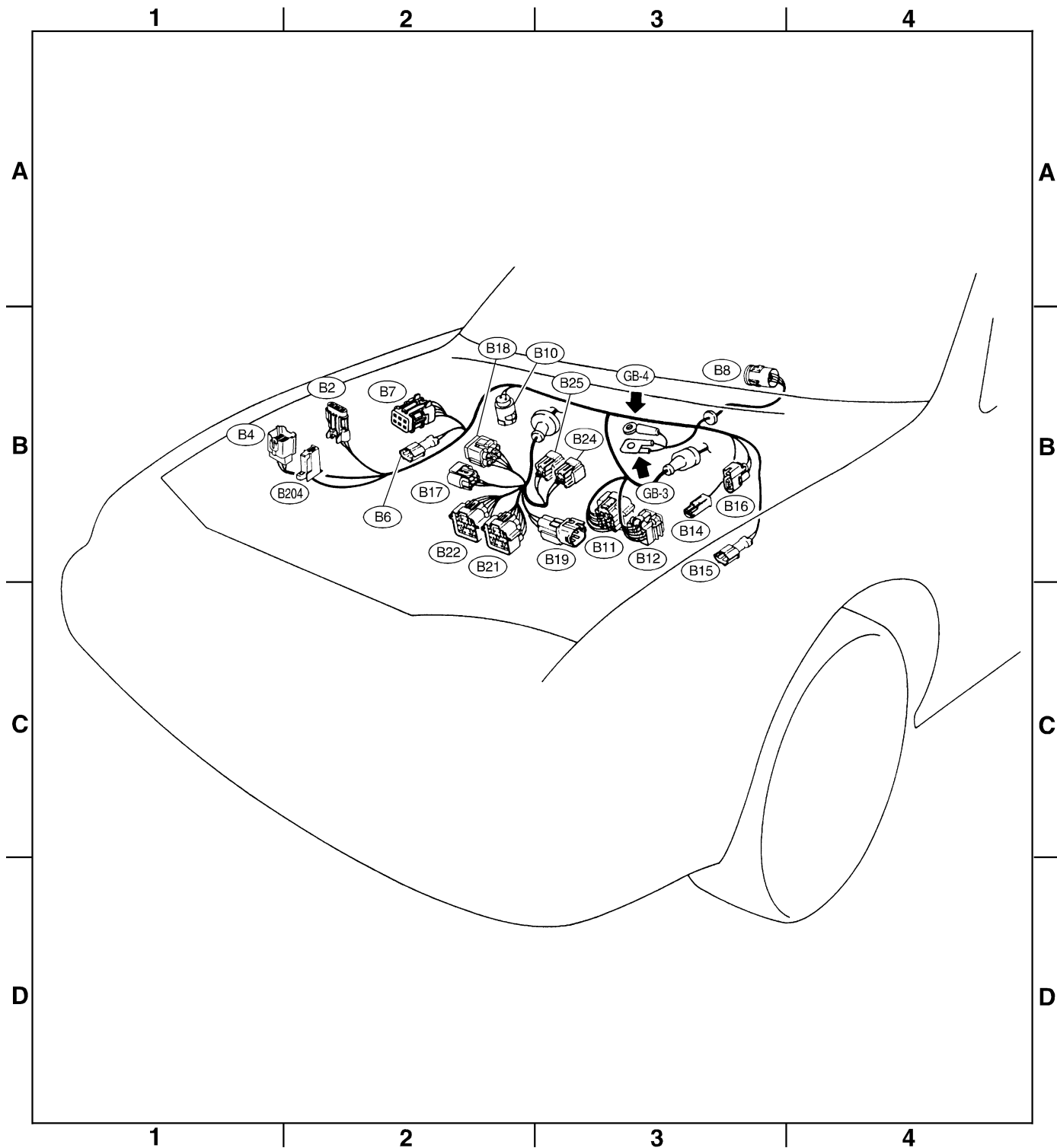
C: BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

● List of Items

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B2	3	Gray	B-2		Atmospheric pressure sensor (AT)
B4	4	Gray	B-2		AT dropping resistor
B6	2	Brown	B-2		ABS front sensor RH (Outback model)
	2	Gray	B-2		ABS front sensor RH (Other models)
B7	6	Black	B-2		Cruise control actuator
B8	5	Gray	B-3		Front wiper motor
B10	2	Brown	B-2		A/C pressure switch
B11	20	Black	B-3	T4	Transmission (AT)
B12	12	Black	B-3	T3	
B14	1	Black	B-3		Starter (Magnet)
B15	2	Brown	B-3		ABS front sensor LH (Outback model)
	2	Gray	B-3		ABS front sensor LH (Other models)
B16	2	Gray	B-3		Brake fluid level switch
B17	3	Black	B-2		Vehicle speed sensor (MT)
B18	4	Gray	B-2		Front oxygen (A/F) sensor (MT)
	6	Black	B-2		Front oxygen (A/F) sensor (AT)
B19	4	Gray	B-3	T5	Rear oxygen sensor cord
B21	20	Gray	B-2	E2	Engine wiring harness
B22	16	Brown	B-2	E3	
B24	2	Gray	B-3	T1	Back-up light switch (MT)
B25	2	Brown	B-3	T2	Neutral position switch (MT)
B204	1	Black	B-2		Security horn

★: Non-colored

● Location



B6M1319A

D: BULKHEAD WIRING HARNESS (IN COMPARTMENT)

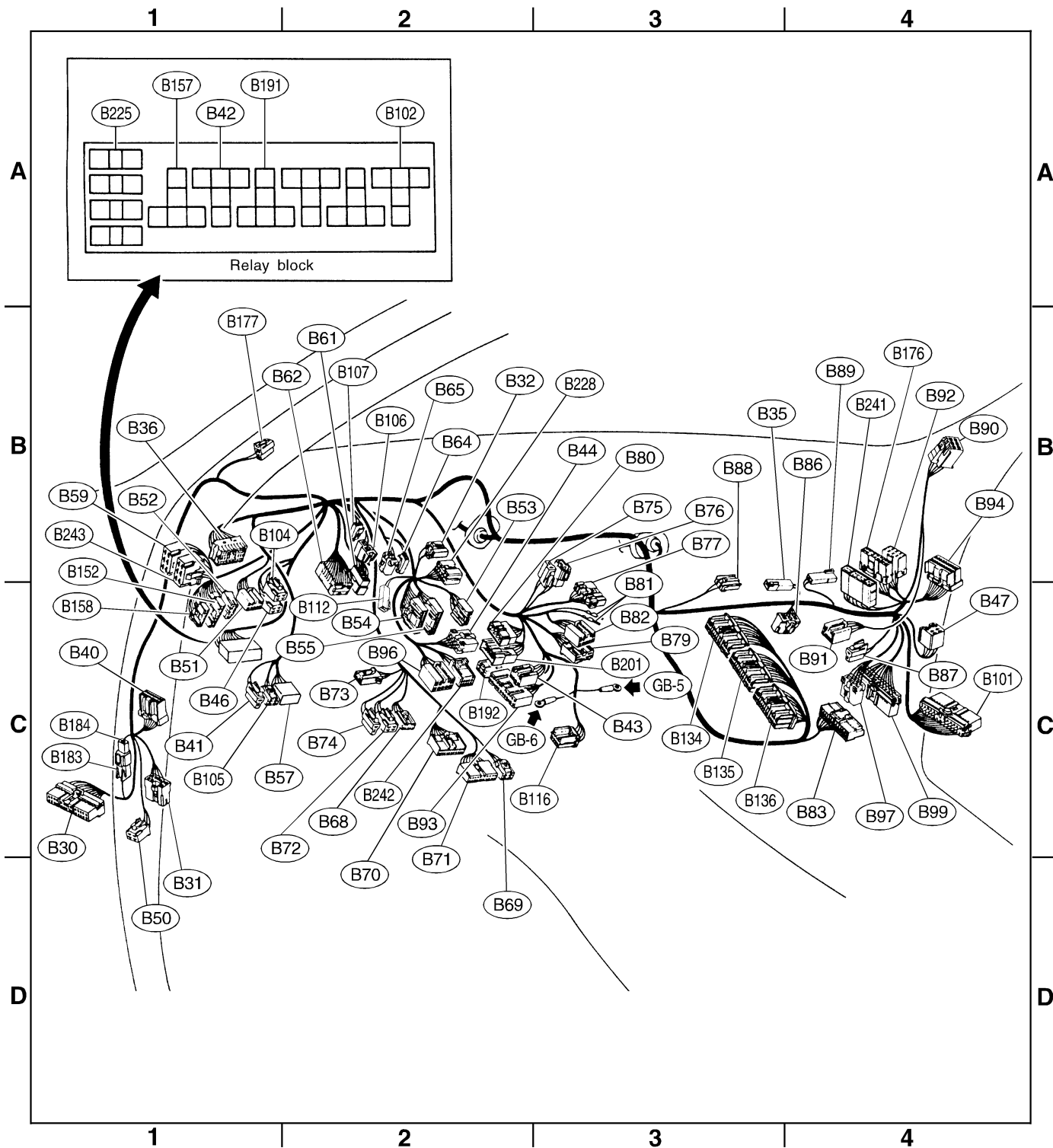
● List of Items

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B30	24	★	C-1	D1	Front door cord LH
B31	7	Yellow	D-1	AB1	SRS (Airbag) harness
B32	3	Black	B-2		Turn & hazard module
B35	2	Black	B-4		Diode (Step light)
B36	66	★	B-1	i1	Instrument panel wiring harness (SMJ)
B40	16	★	C-1		Data link connector
B41	2	★	C-1		Power window circuit breaker
B42	5	Black	A-1		Power window relay (Relay block)
B43	6	Black	C-3		Illumination control module
B44	8	★	C-2		Seat belt timer
B46	4	Green	C-1		Fuel pump relay
B47	6	Brown	C-4		Main relay
B50	4	Black	D-1		Blower relay
B51	8	★	C-1		F/B
B52	7	★	B-1		
B53	6	Gray	B-2		Shield joint connector (AT)
B54	24	★	C-2		Transmission control module
B55	24	Gray	C-2		
B57	12	★	C-2		AT shift lock control module
B59	6	★	B-1		Interrupt relay (Security)
B61	8	★	B-2	F44	Front wiring harness
B62	66	★	B-2	F45	Front wiring harness (SMJ)
B64	2	Black	B-2		Stop light switch
B65	4	Black	B-2		Stop & brake switch (With cruise control)
B68	5	Black	C-2		Cruise control sub switch
B69	4	★	D-2		Combination switch
B70	18	★	C-2		
B71	17	★	C-2		
B72	4	Blue	C-2		Ignition switch
B73	2	★	C-2		Key lock solenoid
B74	2	Black	C-2		Key warning switch
B75	2	Green	B-3	B76	Test mode connector
B76	2	Green	B-3	B75	
B77	10	Brown	B-3		Mode actuator
B79	14	Gray	C-3		Check connector
B80	8	★	C-2	i20	Instrument panel wiring harness
B81	1 × 2	★	C-3		Diagnosis terminal (Ground)
B82	8	★	C-3		Diagnosis connector
B83	12	Blue	C-4		Shield & sensor ground joint connector (E/G)
B86	6	Black	B-4		Blower motor resistor
B87	2	★	C-4		Blower motor
B88	3	Black	B-3		Evaporator thermostat switch

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B89	2	★	B-4		Diode (Rear gate)
B90	6	★	B-4	R50	Roof cord
B91	6	Black	C-4		FRESH/RECIRC actuator
B92	8	★	B-4		Door lock timer
B93	18	★	C-2		Security control module
B94	20	Black	B-4		Cruise control module
B96	8	Black	C-2		Daytime running light control module
B97	8	★	C-4	R1	Rear wiring harness
B99	32	★	C-4	R3	
B101	24	★	C-4	D11	Front door cord RH
B102	5	Black	A-2		Daytime running light relay
B104	4	★	B-1		Seat heater/rear accessory power supply relay
B105	4	Blue	C-1		Starter interlock relay (MT)
B106	2	★	B-2		Clutch switch (MT)
B107	2	Blue	B-2		Clutch switch (Cruise control)
B112	2	Black	C-2		Diode (Front fog light)
B116	6	★	C-3		Select lever illumination light (AT)
B134	35	★	C-3		Engine control module (MT)
	35	Gray	C-3		Engine control module (AT)
B135	28	★	C-3		Engine control module (MT)
	28	Gray	C-3		Engine control module (AT)
B136	30	★	C-3		Engine control module (MT)
	30	Gray	C-3		Engine control module (AT)
B152	12	★	B-1		F/B
B157	5	Black	A-1		Ignition relay (Relay block)
B158	10	Gray	C-1		F/B
B176	16	★	B-4		Keyless entry control module
B177	2	★	B-1		Wiper deicer
B183	1	★	C-1	B184	Joint connector (Keyless entry)
B184	1	★	C-1	B183	
B191	5	Black	A-1		Wiper deicer relay (Relay block)
B192	4	★	C-2		Wiper deicer timer
B201	10	★	C-2	i40	Instrument panel wiring harness
B225	8	Black	A-1		Fuse (Relay block)
B228	15	★	B-2		OP connector
B241	16	★	C-4	B176	Short connector (Without keyless entry)
B242	10	★	C-2		Daytime running light control module
B243	6	Black	B-1		Security horn relay

★: Non-colored

● Location



B6M1320A

E: ENGINE WIRING HARNESS AND TRANSMISSION CORD**1. MT MODEL**● **List of Items**

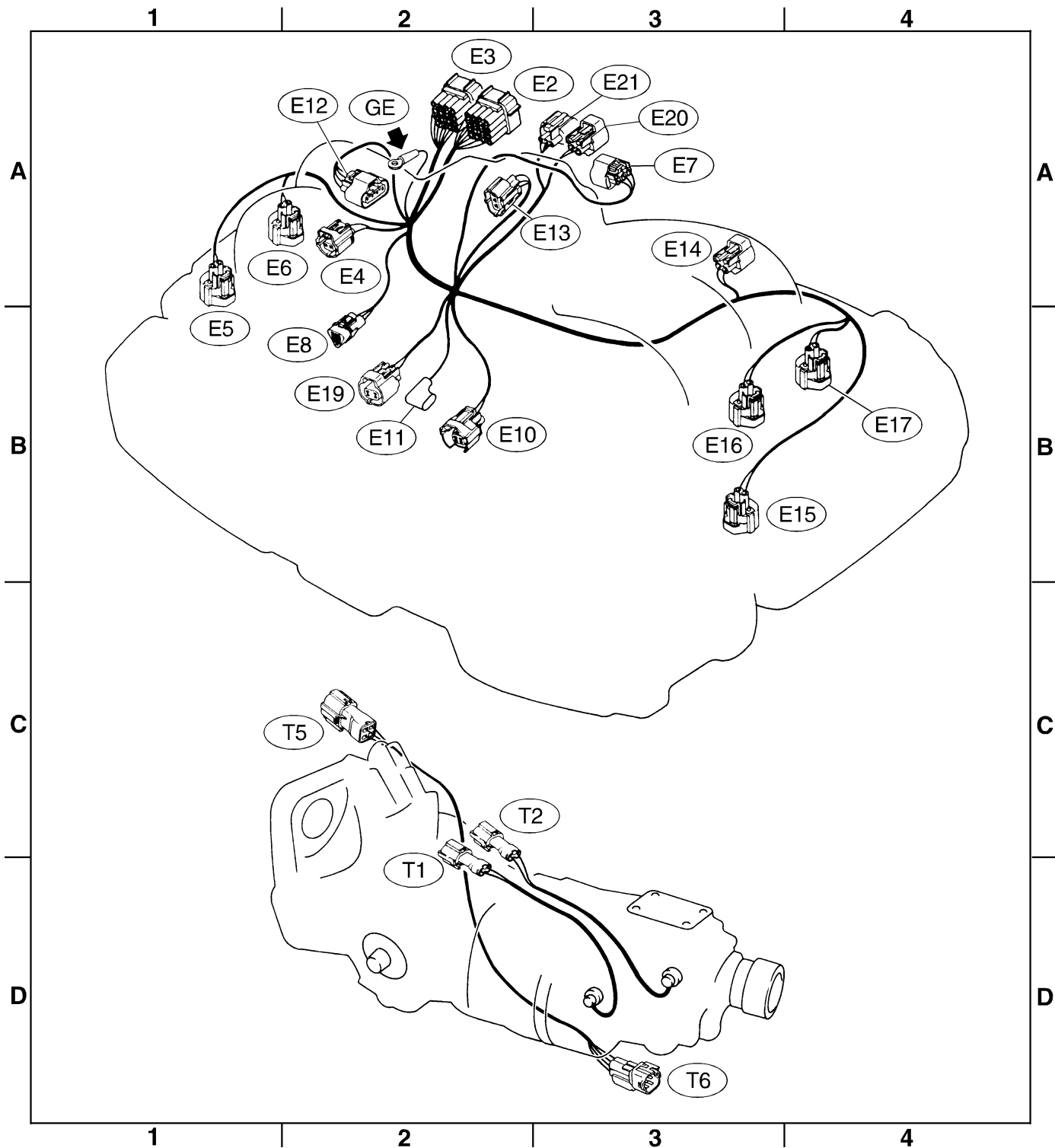
Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
E2	20	★	A-2	B21	Bulkhead wiring harness
E3	16	Brown	A-2	B22	Bulkhead wiring harness
E4	2	Blue	A-2		Purge control solenoid valve
E5	2	Gray	B-1		Injector #1
E6	2	Gray	A-2		Injector #3
E7	3	Gray	A-3		Idle air control solenoid valve
E8	3	★	B-2		Engine coolant temperature sensor and thermometer
E10	2	★	B-2		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E12	4	Dark gray	A-2		Ignition coil and ignitor
E13	3	Black	A-3		Throttle position sensor
E14	2	Gray	B-3		Knock sensor
E15	2	★	B-3		Camshaft position sensor
E16	2	Gray	B-3		Injector #2
E17	2	Gray	B-4		Injector #4
E19	2	★	B-2		Power steering oil pressure switch
E20	2	Black	A-3		Intake air temperature sensor
E21	3	★	A-3		Intake manifold pressure sensor

★: Non-colored

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
T1	2	Gray	D-1	B24	Bulkhead wiring harness
T2	2	Brown	D-1	B25	
T5	4	Gray	C-2	B19	Bulkhead wiring harness
T6	4	Gray	D-3		Rear oxygen sensor

★: Non-colored

● Location



B6M1322A

2. AT MODEL

● List of Items

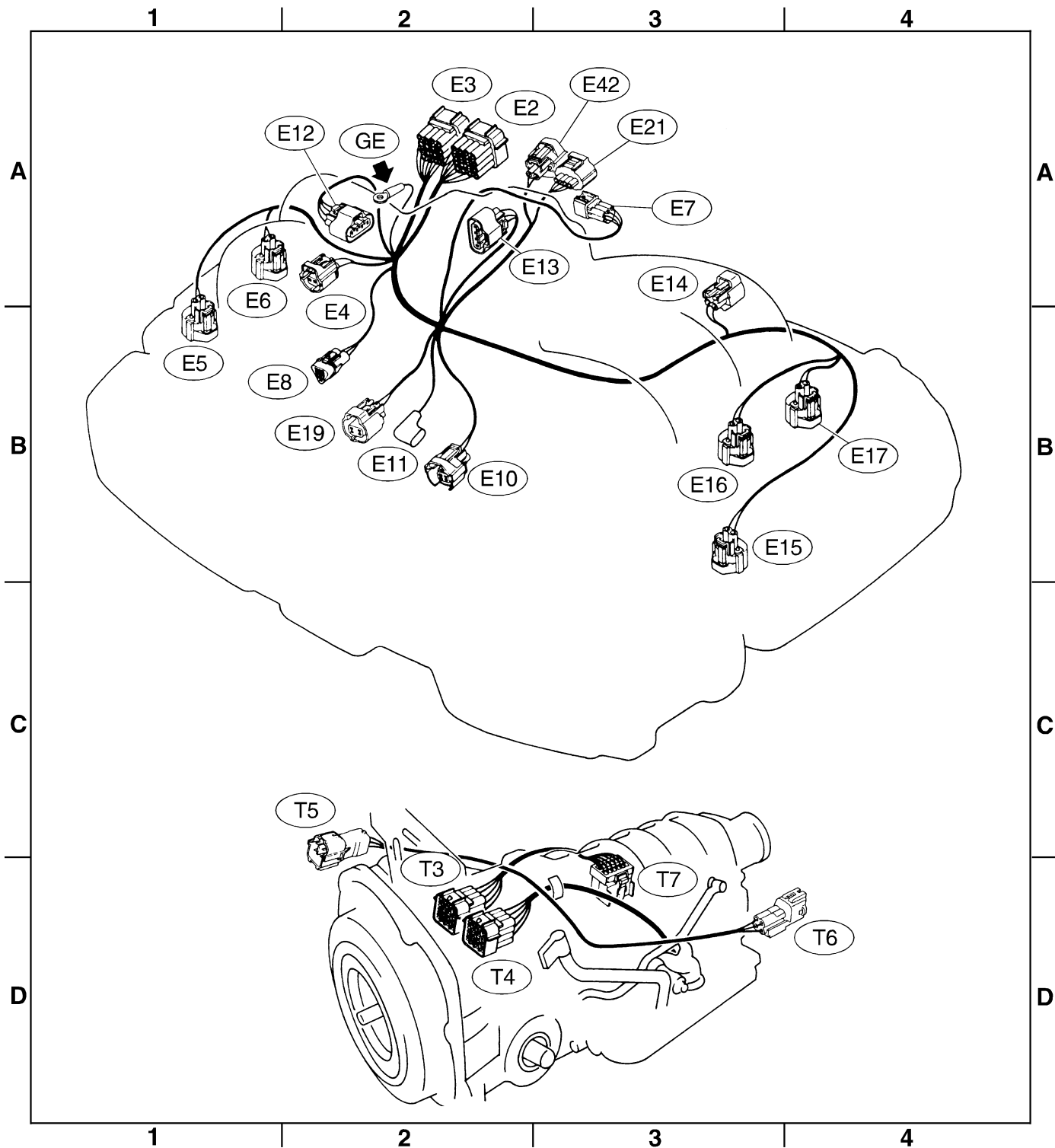
Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
E2	20	★	A-2	B21	Bulkhead wiring harness
E3	16	Brown	A-2	B22	Bulkhead wiring harness
E4	2	Blue	A-2		Purge control solenoid valve
E5	2	Gray	B-1		Injector #1
E6	2	Gray	A-2		Injector #3
E7	6	★	A-3		Idle air control solenoid valve
E8	3	★	B-2		Engine coolant temperature sensor and thermometer
E10	2	★	B-2		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E12	4	Dark gray	A-2		Ignition coil and ignitor
E13	4	★	A-3		Throttle position sensor
E14	2	Gray	B-3		Knock sensor
E15	2	★	B-3		Camshaft position sensor
E16	2	Gray	B-3		Injector #2
E17	2	Gray	B-4		Injector #4
E19	2	★	B-2		Power steering oil pressure switch
E21	4	★	A-3		Pressure sensor and intake air temperature sensor
E42	2	★	A-3		Air assist solenoid valve

★: Non-colored

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
T3	12	★	D-3	B12	Bulkhead wiring harness
T4	20	Black	D-3	B11	
T5	4	Gray	C-2	B19	Bulkhead wiring harness
T6	4	Gray	D-4		Rear oxygen sensor
T7	12	★	C-4		Inhibitor switch

★: Non-colored

● Location



B6M1321A

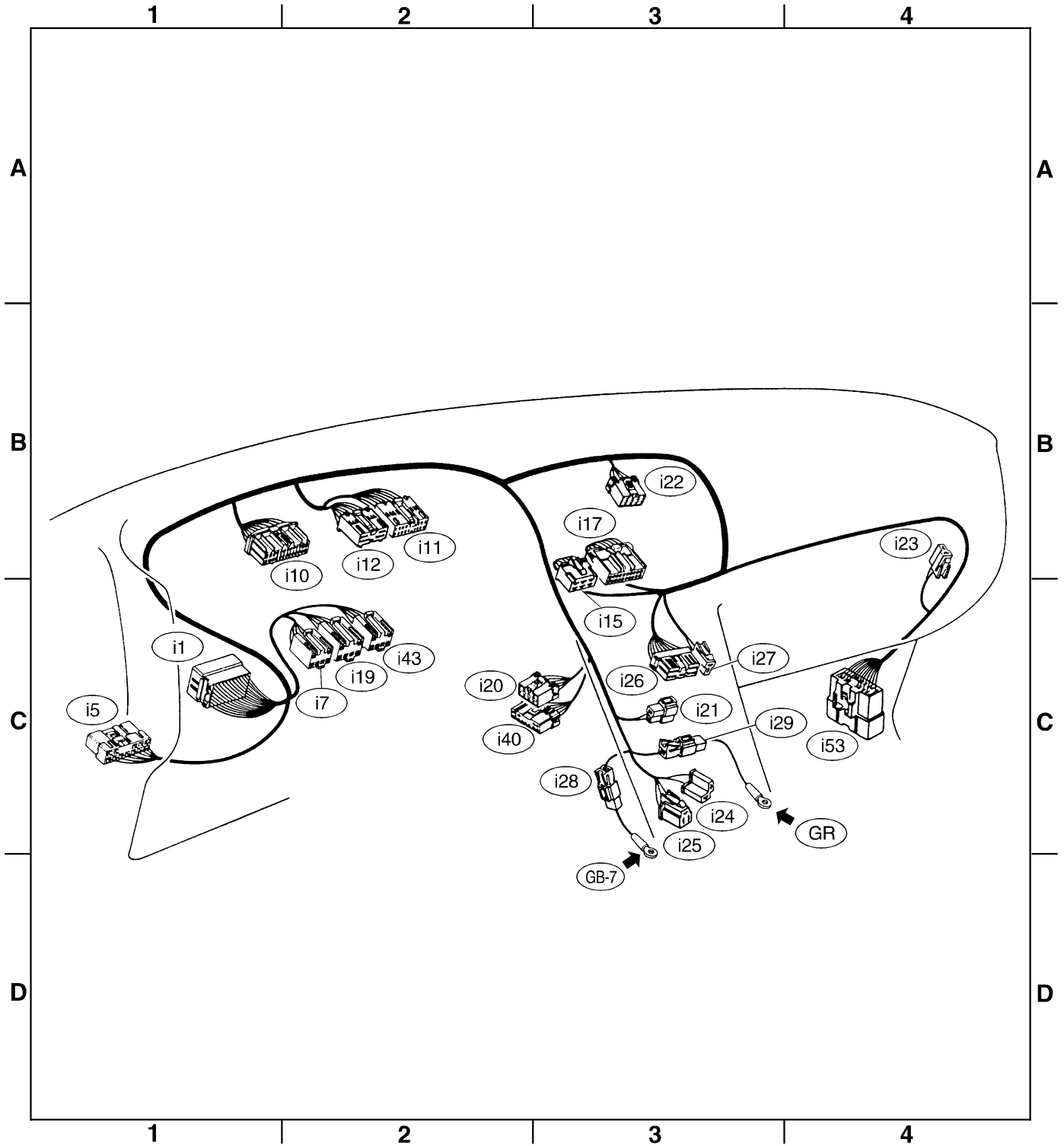
F: INSTRUMENT PANEL WIRING HARNESS

● List of Items

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
i1	66	★	C-1	B36	Bulkhead wiring harness (SMJ)
i5	12	★	C-1		F/B
i7	6	Black	C-2		Front fog light switch
i10	30	Green	B-2		Combination meter
i11	16	Green	B-2		
i12	14	Green	B-2		
i15	6	★	B-3		
i17	20	Gray	B-3		Mode control panel
i19	6	Brown	C-2		Cruise control main switch
i20	8	★	C-2	B80	Bulkhead wiring harness
i21	2	Black	C-3		Ash tray illumination light
i22	8	★	B-3		Hazard switch
i23	2	★	B-4		Glove box illumination light
i24	2	★	C-3		Cigarette lighter
i25	3	★	C-3		Cigarette lighter illumination light
i26	14	★	C-3		Radio
i27	2	★	C-3		CD player illumination light
i28	1	Black	C-3		Body ground
i29	1	Black	C-3		Body ground (Radio)
i40	10	★	C-2	B201	Bulkhead wiring harness
i43	6	★	C-2		Wiper deicer switch
i53	16	Blue	C-4	R98	Rear wiring harness

★: Non-colored

● Location



B6M1323A

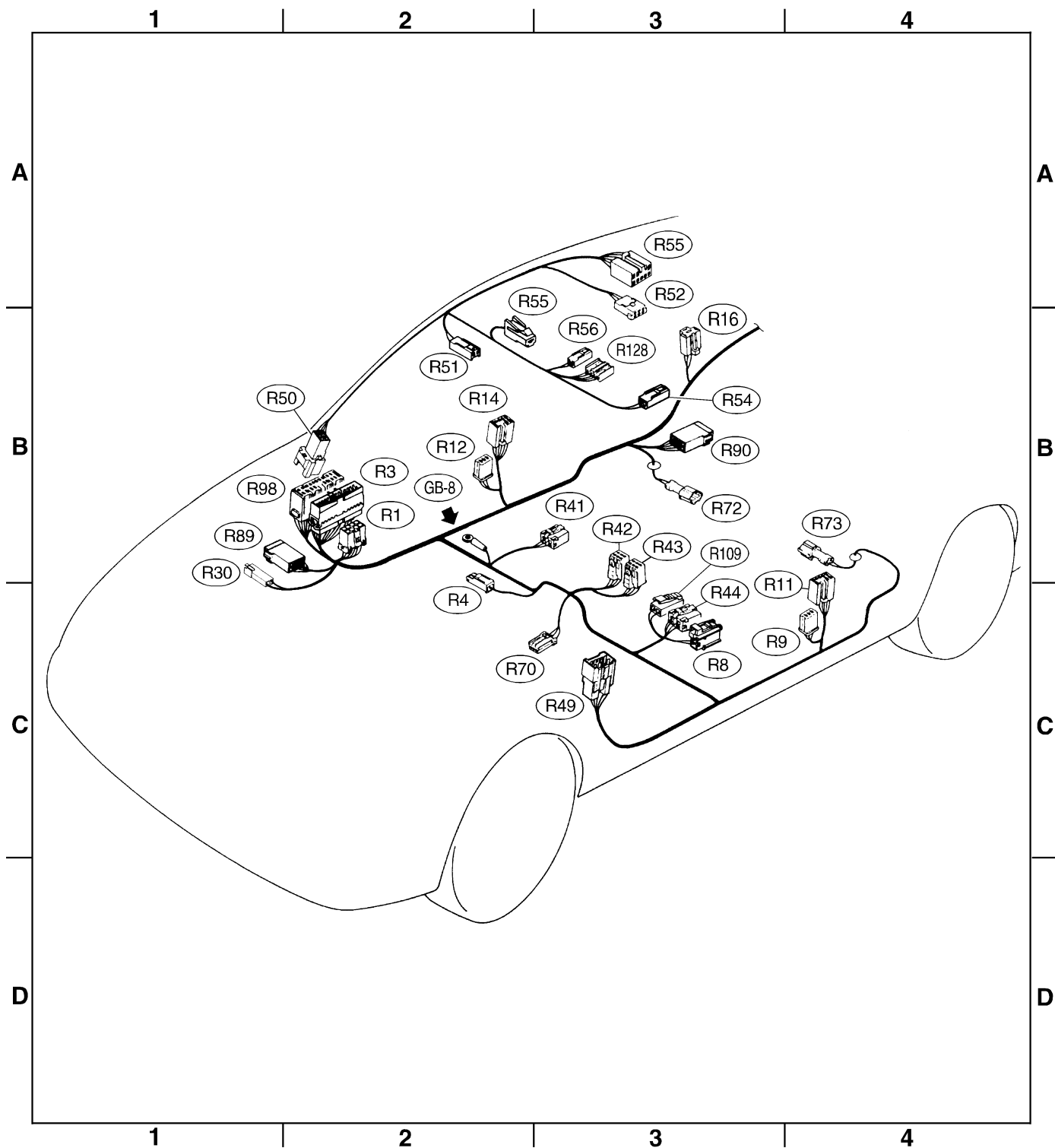
G: REAR WIRING HARNESS

● List of Items

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R1	8	★	B-2	B97	Bulkhead wiring harness
R3	32	★	B-2	B99	
R4	1	Black	B-2		Parking brake switch
R8	2	★	C-3		Seat belt switch
R9	3	★	C-4		Front door switch LH
R11	8	★	B-4	D21	Rear door cord LH
R12	3	★	B-2		Front door switch RH
R14	8	★	B-2	D27	Rear door cord RH
R16	3	Black	B-3		Rear door switch RH
R30	2	Black	B-2		Diode (Rear gate)
R41	4	Blue	B-3		Seat heater RH
R42	6	★	B-3		Seat heater switch RH
R43	6	Blue	B-3		Seat heater switch LH
R44	4	Blue	C-3		Seat heater LH
R49	8	★	C-3	F55	Front wiring harness
R50	6	★	B-2	B90	Bulkhead wiring harness
R51	2	★	B-2		Vanity mirror illumination light RH
R52	3	★	B-3		Room light
R54	2	★	B-3		Vanity mirror illumination light LH
R55	1	★	B-2		Sunroof (Sedan)
	8	★	A-3		Sunroof control module (Wagon)
R56	2	★	B-3		Spot light
R70	3	Black	C-2		ABS G sensor
R72	2	Gray	B-3		Rear ABS sensor RH
R73	2	Gray	B-4		Rear ABS sensor LH
R89	8	★	B-2		Speaker joint connector LH (Wagon)
R90	8	★	B-3		Speaker joint connector RH (Wagon)
R98	16	Blue	B-2	i53	Instrument panel wiring harness
R109	2	Black	C-3		Power seat
R128	5	★	B-3		Sunroof switch (Wagon)

★: Non-colored

● Location



B6M1324A

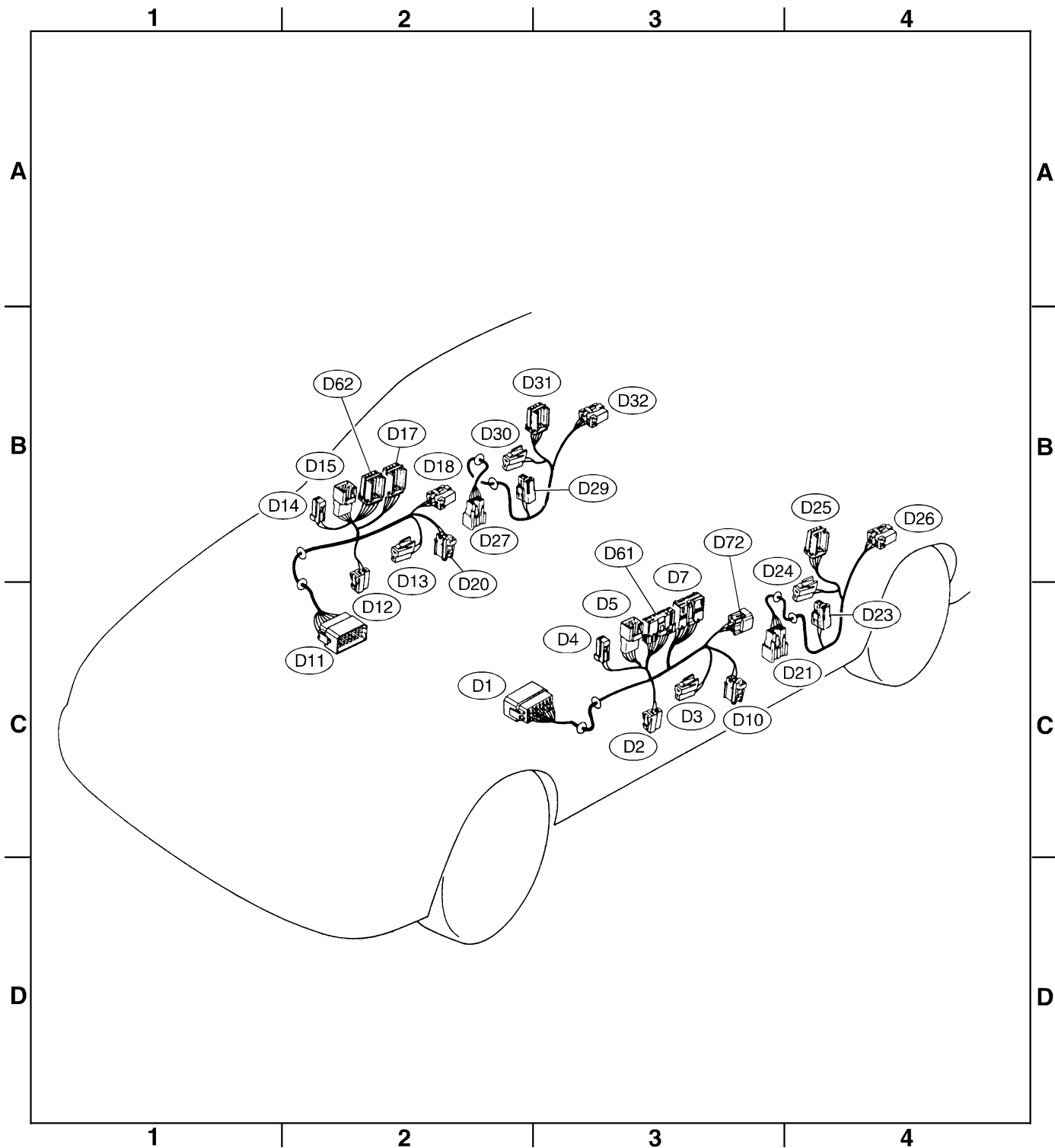
H: DOOR CORD

● List of Items

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
D1	24	★	C-2	B30	Bulkhead wiring harness
D2	2	★	C-3		Front door speaker LH
D3	2	Green	C-3		Front power window motor LH
D4	2	Black	C-3		Front door tweeter LH
D5	6	★	C-3		Remote control rearview mirror LH
D7	16	★	C-3		Power window main switch
D10	2	★	C-3		Step light LH
D11	24	★	C-2	B101	Bulkhead wiring harness
D12	2	★	C-2		Front door speaker RH
D13	2	Green	B-2		Front power window motor RH
D14	2	Black	B-2		Front door tweeter RH
D15	6	★	B-2		Remote control rearview mirror RH
D17	6	★	B-2		Front power window sub switch RH
D18	4	★	B-2		Front door lock actuator RH
D20	2	★	B-2		Step light RH
D21	8	★	C-3	R11	Rear wiring harness
D23	2	Black	C-4		Rear door speaker LH
D24	2	Green	C-4		Rear power window motor LH
D25	6	★	B-4		Rear power window sub switch LH
D26	4	★	B-4		Rear door lock actuator LH
D27	8	★	B-2	R14	Rear wiring harness
D29	2	Black	B-2		Rear door speaker RH
D30	2	Green	B-2		Rear power window motor RH
D31	6	★	B-2		Rear power window sub switch RH
D32	4	★	B-3		Rear door lock actuator RH
D61	10	★	C-3		Remote control rearview mirror switch
D62	6	Brown	B-2		Front door lock switch RH
D72	4	★	C-3		Front door lock actuator LH

★: Non-colored

● Location



B6M1325A

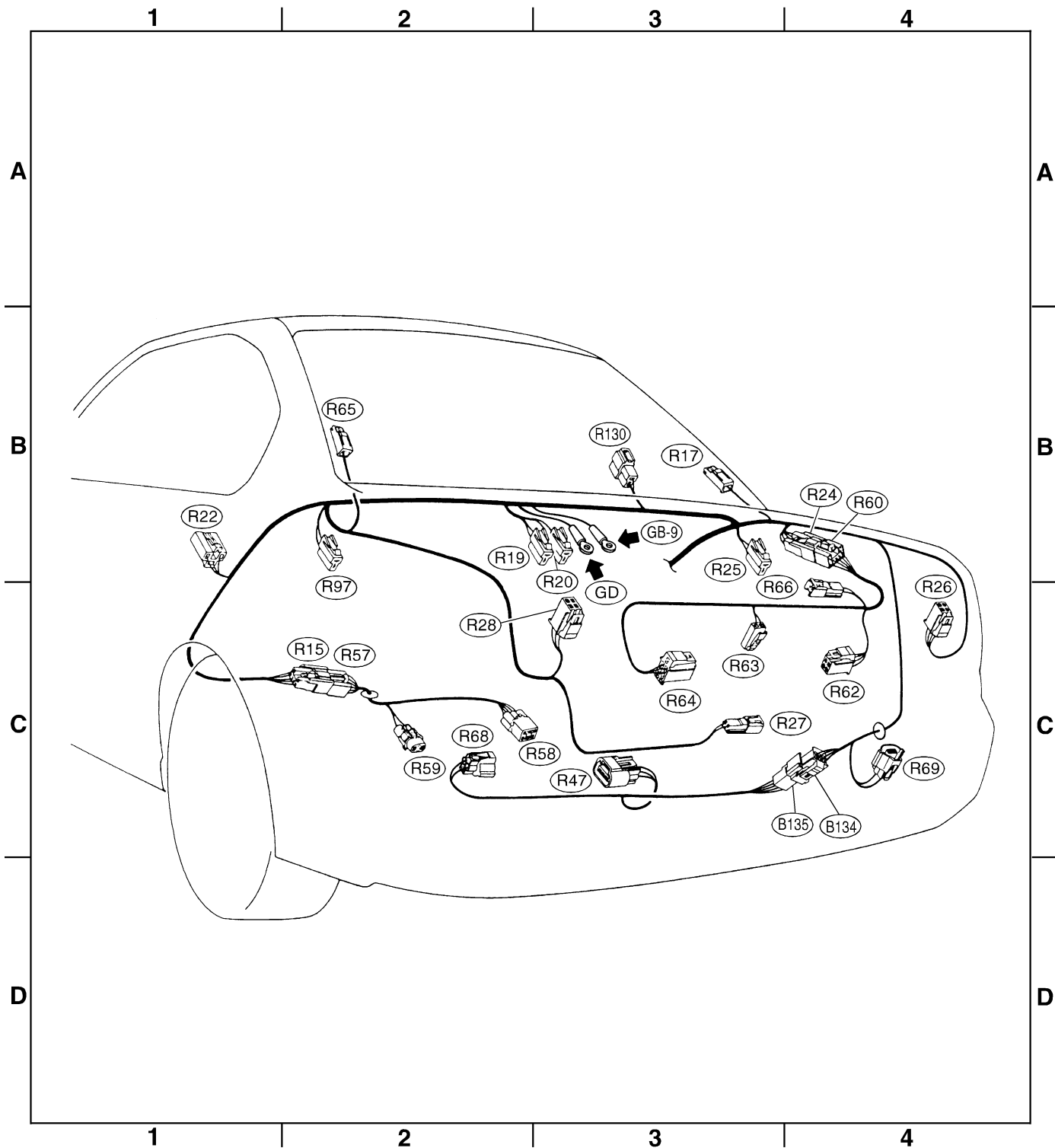
I: REAR WIRING HARNESS AND TRUNK LID CORD (SEDAN)

● List of Items

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R15	6	Black	C-2	R57	Fuel tank cord
R17	1	Black	B-3		Rear defogger (Power) (Without choke coil model)
R19	2	★	B-2		High-mounted stop light
R20	2	Blue	B-3		Trunk room light
R22	3	Black	B-1		Rear door switch LH
R24	6	★	B-4	R60	Trunk lid cord
R25	2	Black	B-3		Rear defogger condenser
R26	4	★	B-4		Rear combination light RH
R27	2	★	C-3		Trunk room light switch
R28	4	★	C-3		Rear combination light LH
R47	3	Black	C-3		Internal pressure sensor
R57	6	Black	C-2	R15	Rear wiring harness
R58	6	Gray	C-2		Fuel gauge module & fuel pump assembly
R59	2	★	C-2		Fuel gauge sub module
R60	6	★	B-4	R24	Rear wiring harness
R62	4	★	C-4		Rear finisher light RH
R63	2	★	C-3		License plate light
R64	4	★	C-3		Rear finisher light LH
R65	1	Black	B-2		Rear defogger (Ground) (Without choke coil model)
R66	2	Black	B-4		High-mounted stop light (Rear spoiler)
R68	2	Gray	C-3		Pressure control solenoid valve
R69	2	★	C-4		Drain valve
R97	2	★	B-2		Antenna amp.
R130	2	★	B-3		Rear defogger (With choke coil model)
R134	6	Gray	C-4	R135	ORVR cord
R135	6	Gray	C-4	R134	Rear wiring harness

★: Non-colored

● Location



B6M1327A

J: REAR WIRING HARNESS AND REAR GATE CORD (WAGON)

● List of Items

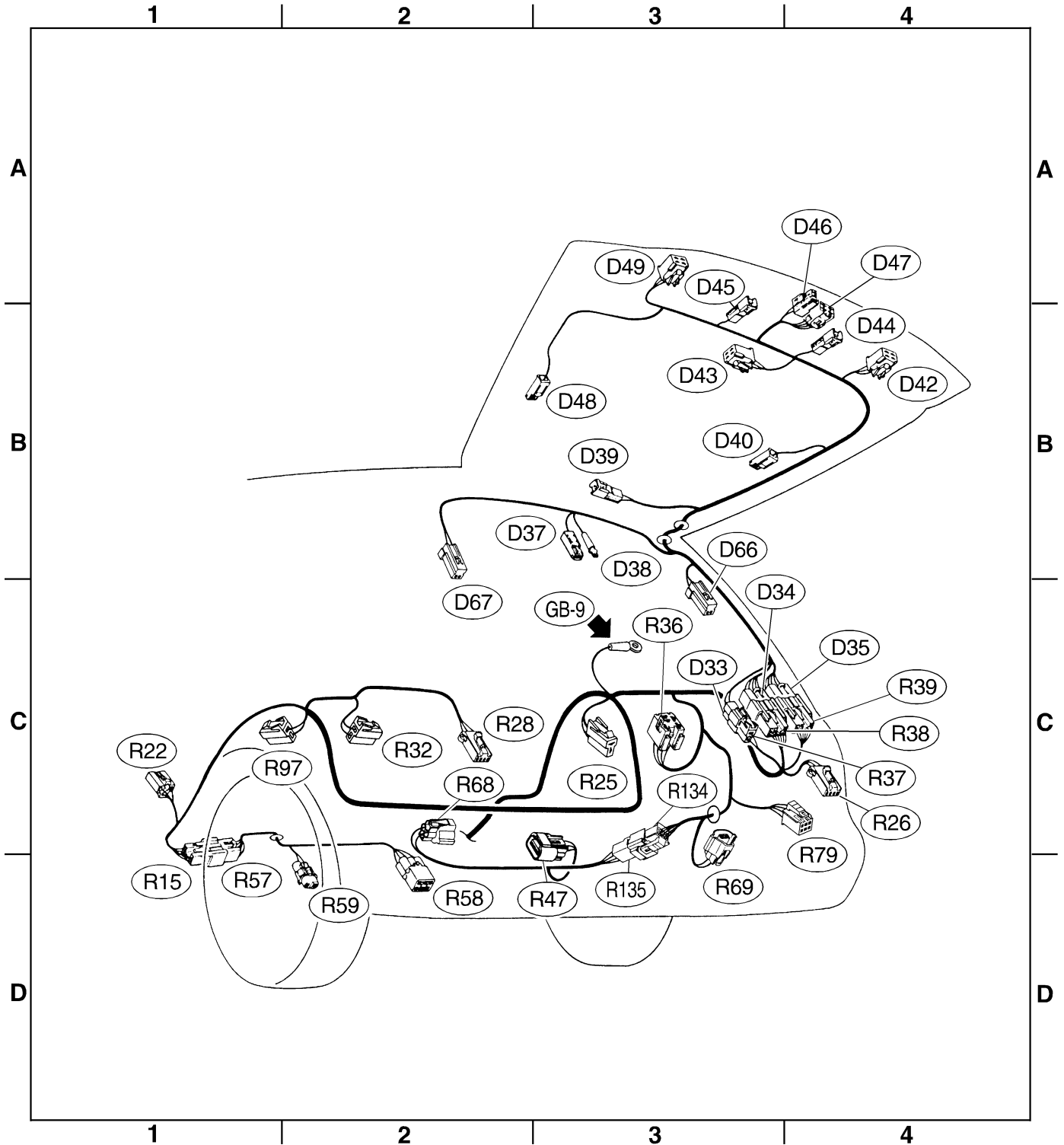
Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R15	6	Black	D-1	R57	Fuel tank cord
R22	3	Black	C-1		Rear door switch LH
R25	2	Black	C-3		Rear defogger condenser
R26	4	Black	C-4		Rear combination light RH
R28	4	Black	C-2		Rear combination light LH
R32	2	★	C-2		Rear accessory power supply socket
R36	5	Black	C-3		Rear wiper relay
R37	2	★	C-3	D33	Rear gate cord
R38	8	★	C-3	D34	
R39	8	Black	C-4	D35	
R47	3	Black	C-3		Internal pressure sensor
R57	6	Black	D-1	R15	Rear wiring harness
R58	6	Gray	D-2		Fuel gauge module & fuel pump assembly
R59	2	★	D-2		Fuel gauge sub module
R68	2	Gray	C-2		Pressure control solenoid valve
R69	2	★	D-3		Drain valve
R79	6	★	C-2		Trailer connector
R97	2	★	C-1		Antenna amp.
R134	6	Gray	C-3	R135	ORVR cord
R135	6	Gray	C-3	R134	Rear wiring harness

★: Non-colored

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
D33	2	★	C-3	R37	Rear wiring harness
D34	8	★	C-3	R38	
D35	8	Black	C-4	R39	
D37	1	Black	B-3		Luggage room light (Power)
D38	1	★	B-3		Luggage room light
D39	2	★	B-3		High-mounted stop light
D40	1	Black	B-3		Rear defogger (Power)
D42	4	★	B-4		Rear finisher light RH
D43	4	★	B-3		Rear wiper motor
D44	2	★	B-4		License plate light RH
D45	2	★	A-3		License plate light LH
D46	2	Black	A-4		Rear gate latch switch
D47	4	★	B-4		Rear gate lock actuator
D48	1	Black	B-3		Rear defogger (Ground)
D49	4	★	A-3		Rear finisher light LH
D66	2	Black	C-3		Rear tweeter RH
D67	2	Black	B-2		Rear tweeter LH

★: Non-colored

● Location



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MEMO: